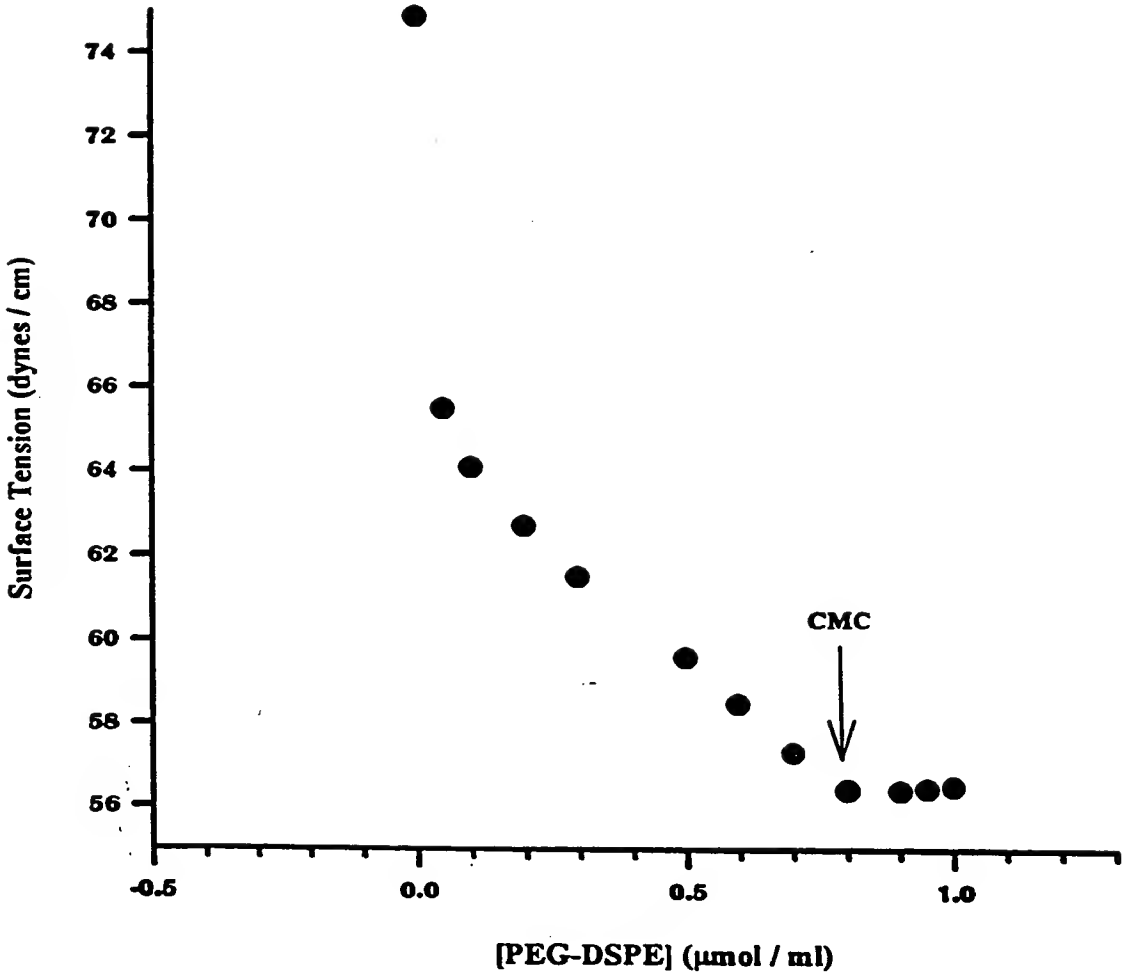

Figure 1: Surface tension measurements of PEG-DSPE aqueous solution to determine CMC at room temperature.

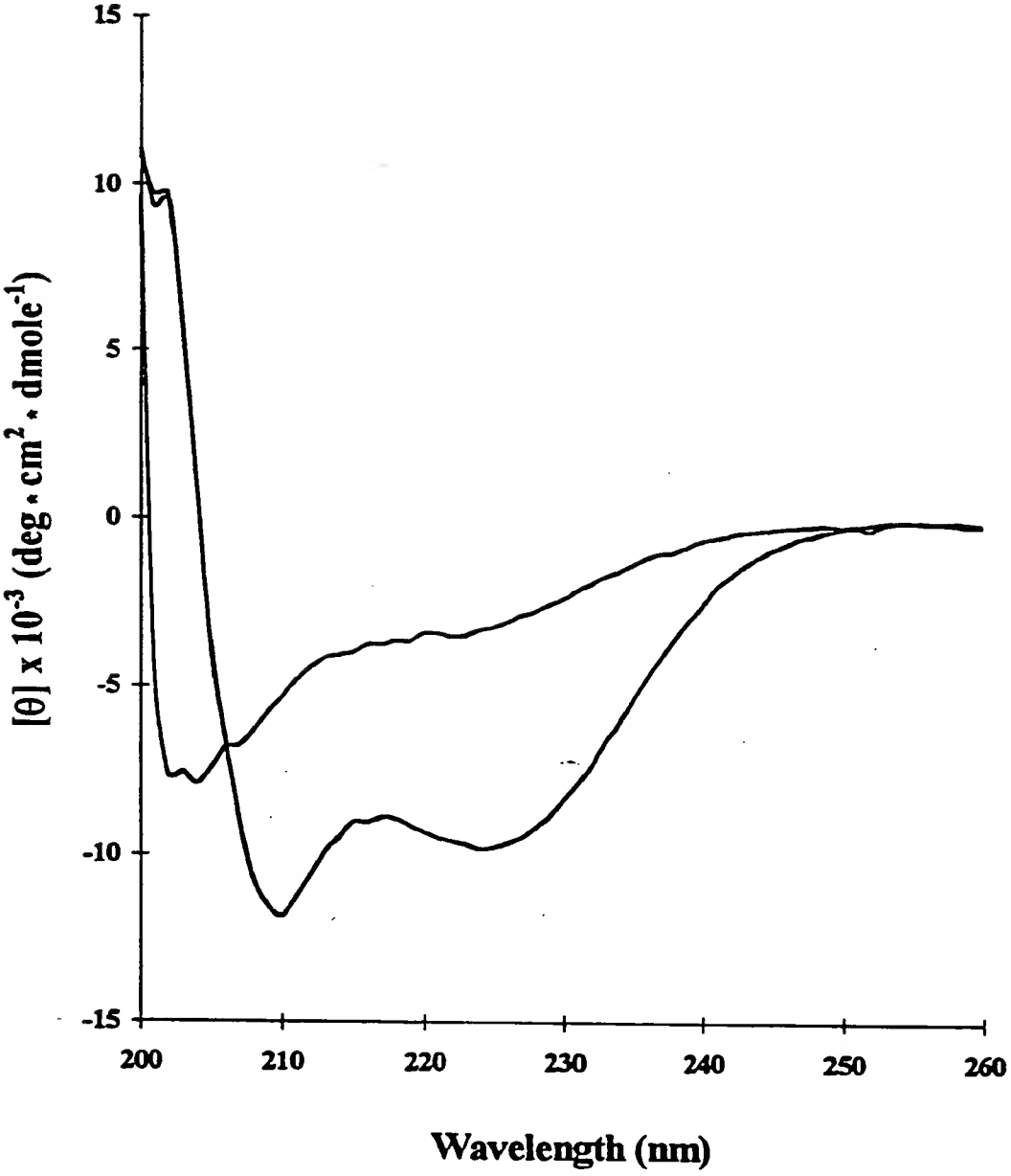

Figure 2: CD spectra analysis of VIP in saline and Hepes buffer (dotted line) compared to VIP in the presence of phospholipids (solid line). Spectrums are average of 9 accumulations / sample.

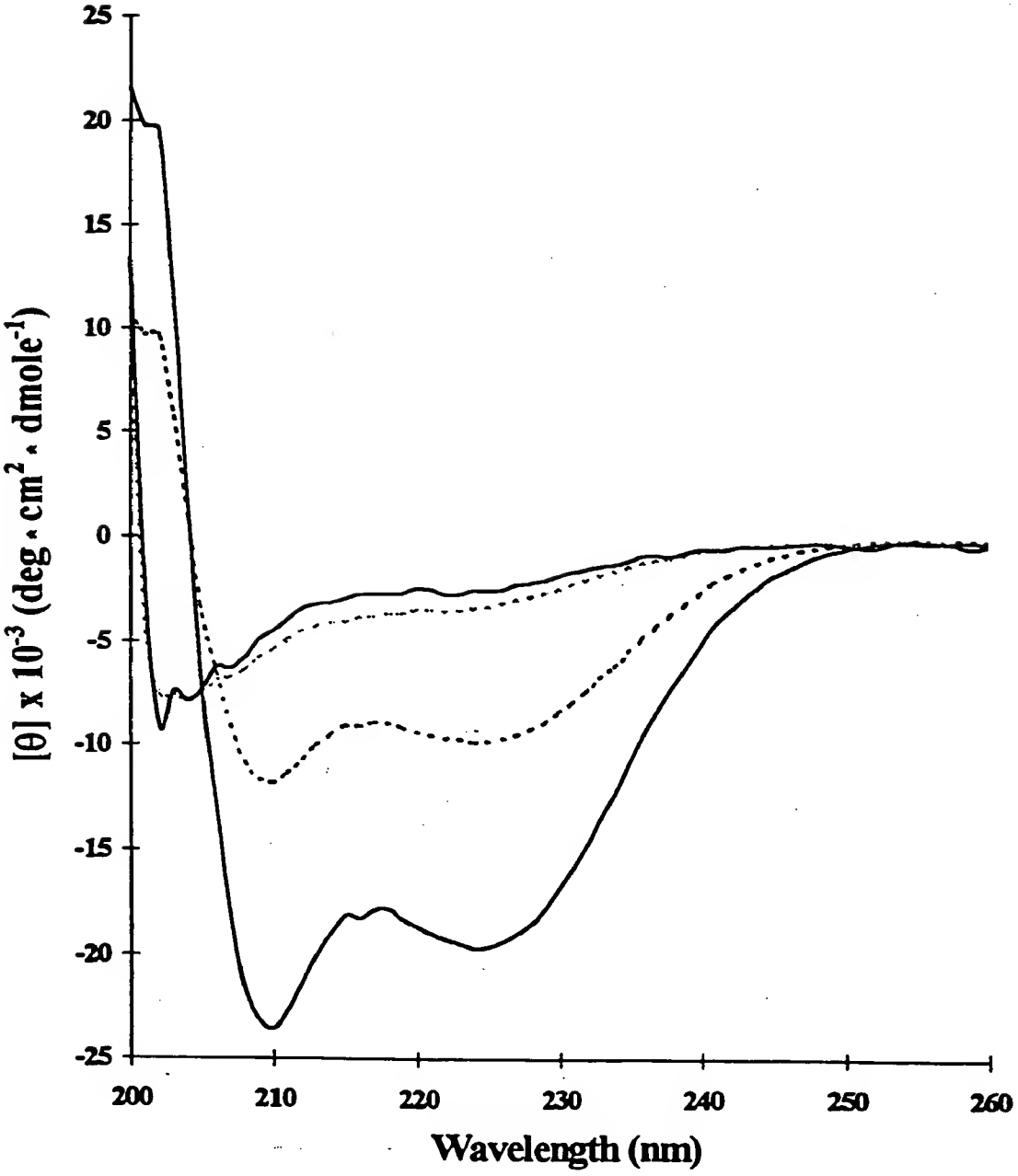

Figure 3: CD spectra analysis of VIP in saline at room temperature (dashed line, grey) and at 37 oC (solid line, grey) compared to VIP in the presence of phospholipids at room temperature (dotted line, black) and at 37 °C (solid line, black). Spectrums are average of 9 accumulations / sample.

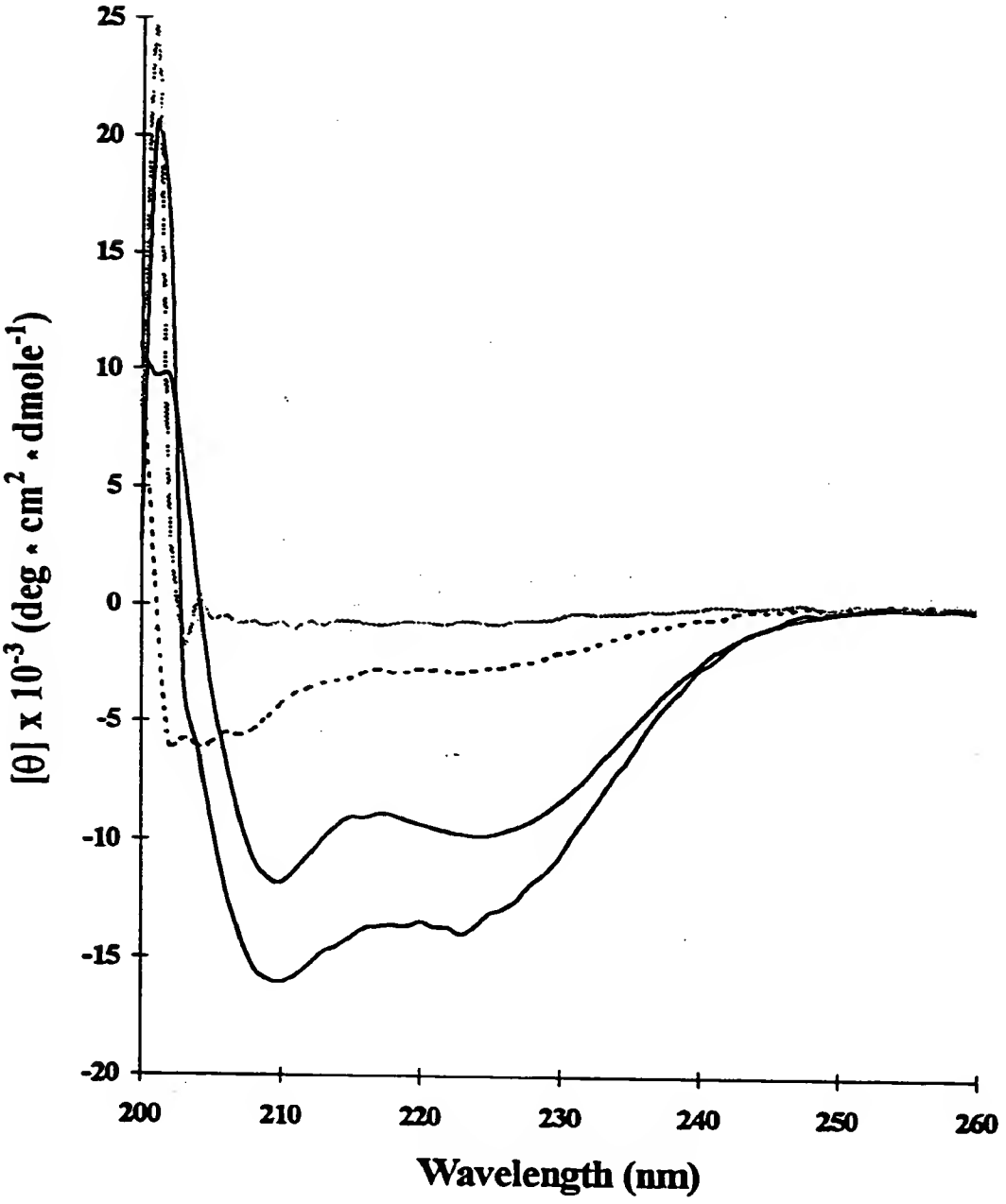

Figure 4: CD spectra analysis of VIP + CaM in saline (dotted line, black), CaM in Saline (dotted line, grey) compared to VIP (solid line, grey), and VIP + CaM (solid line, black) in the presence of phospholipids. Spectrums are average of 9 accumulations / sample.

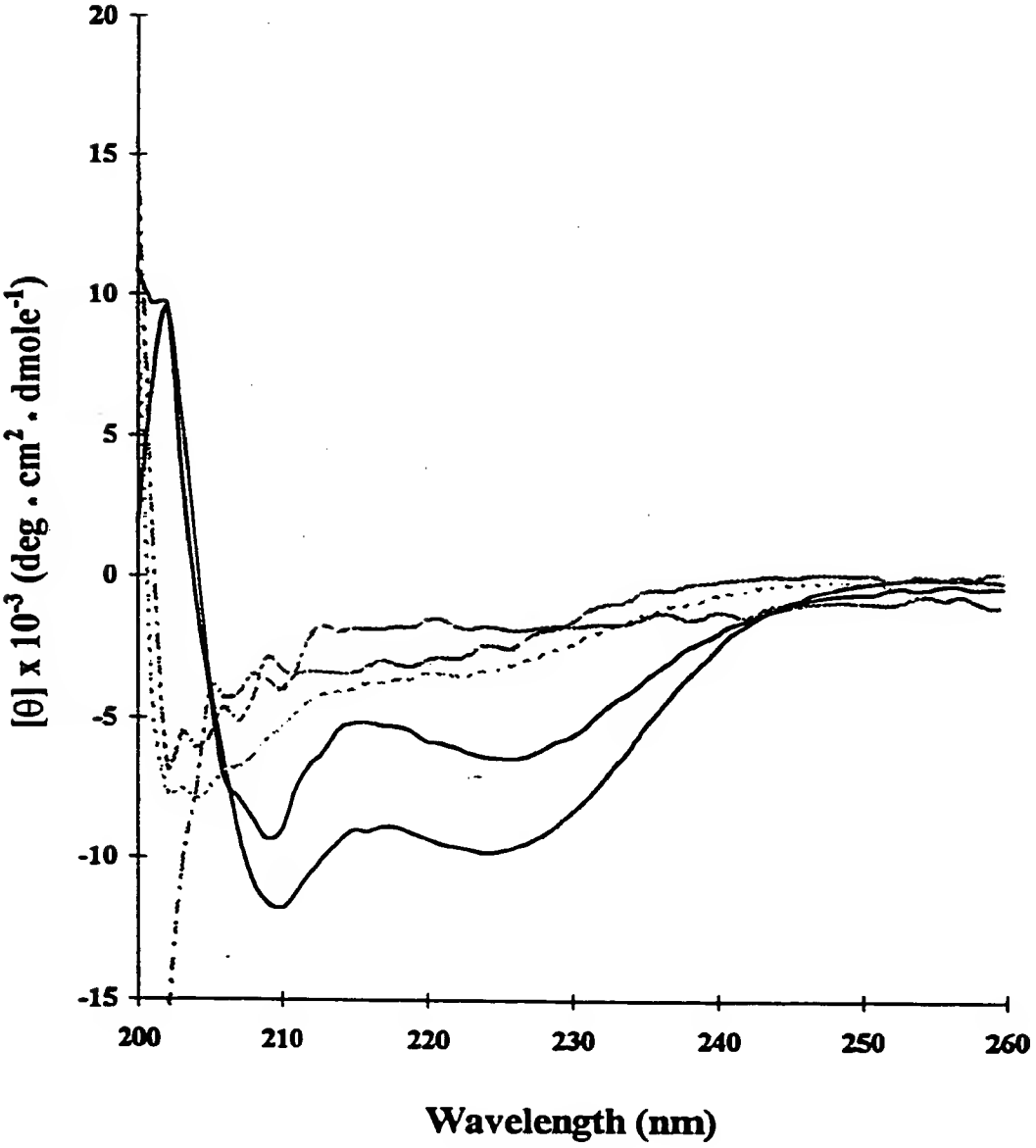

Figure 5: CD spectra analysis of VIP (dashed line, grey), VIP_{1-12} (dash-dot-dot line, grey), and VIP_{10-28} (dashed line, grey) in saline compared to VIP (solid line, black), VIP_{1-12} (dash-dot line, grey), and VIP_{10-28} (solid line, grey), in the presence of phospholipids. Spectrums are average of 9 accumulations / sample.

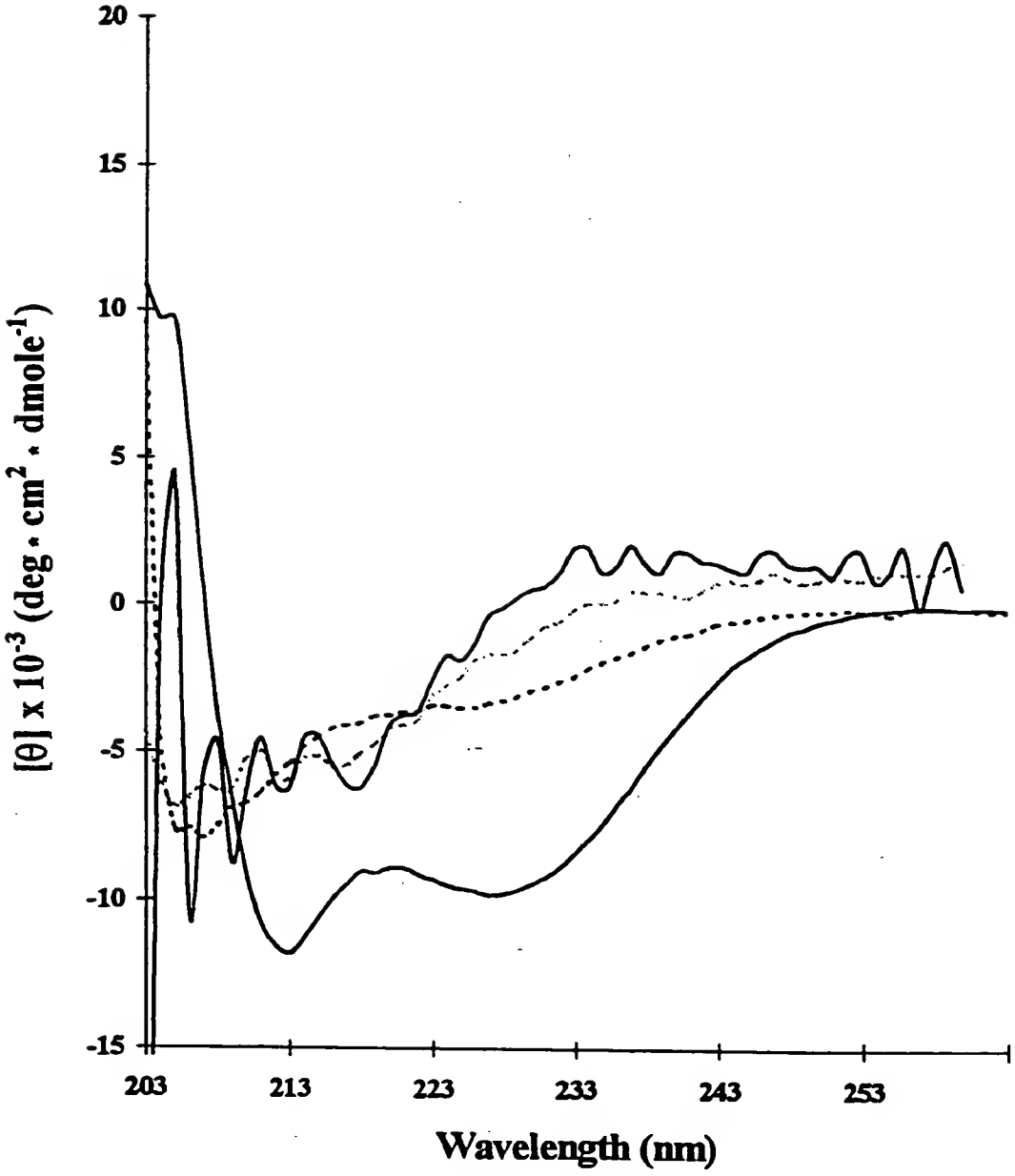

Figure 6: CD spectra analysis of VP (dotted line, grey), and VIP (dotted line, black) in saline compared to VP (solid line, grey), and VIP (solid line, black) in the presence of micelles. Spectrums are an average of 9 accumulations / sample.

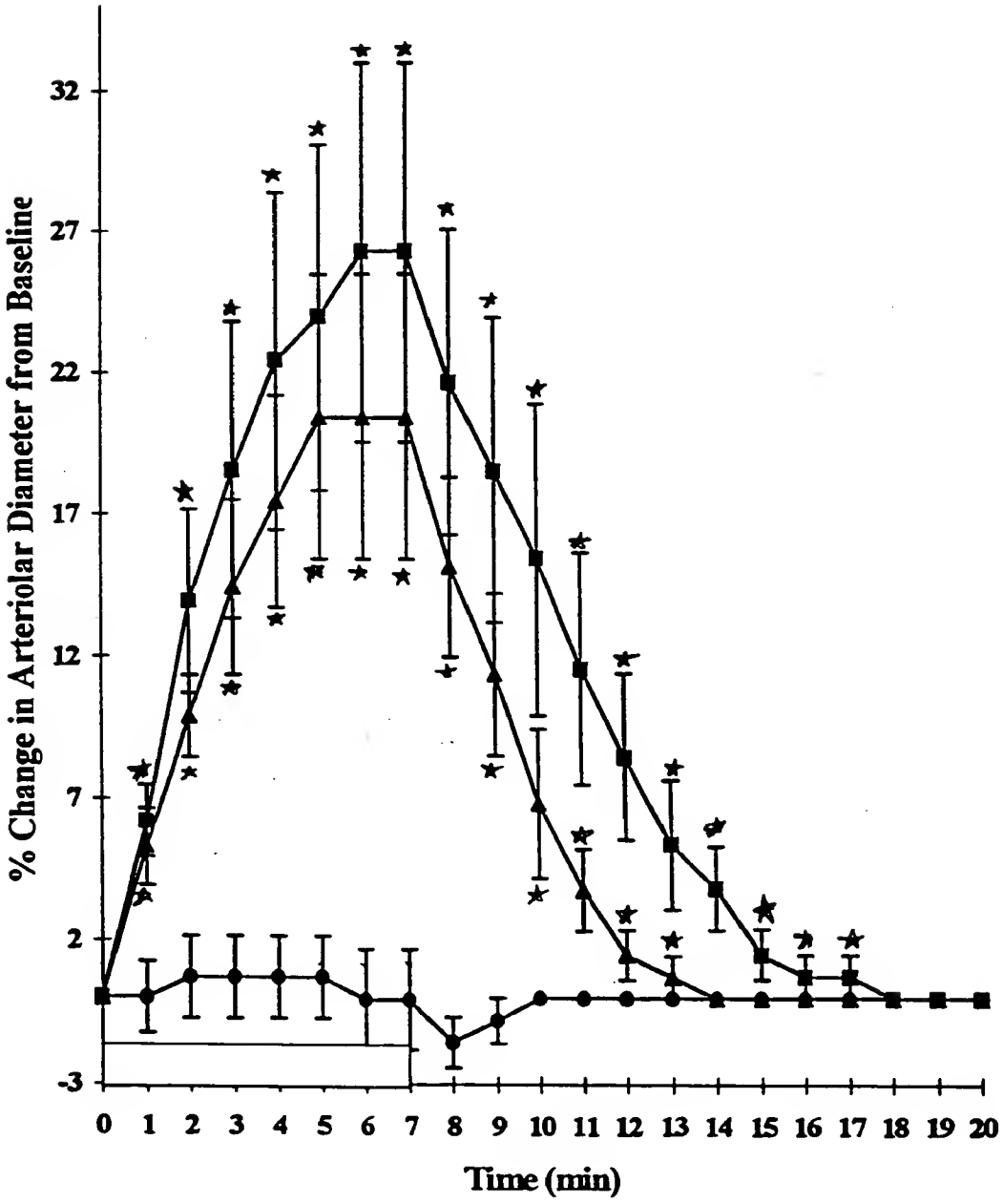

Figure 7: Changes in arteriolar diameter during and following suffusion of 0.1 nmol (triangles) and 1.0 nmol (squares) VIP-SSM, and Empty SSM (circles) for 7 min. Open bar, duration of suffusion. Values are mean ± SEM; each group, n = 4; * $p < 0.05$ compared to baseline.

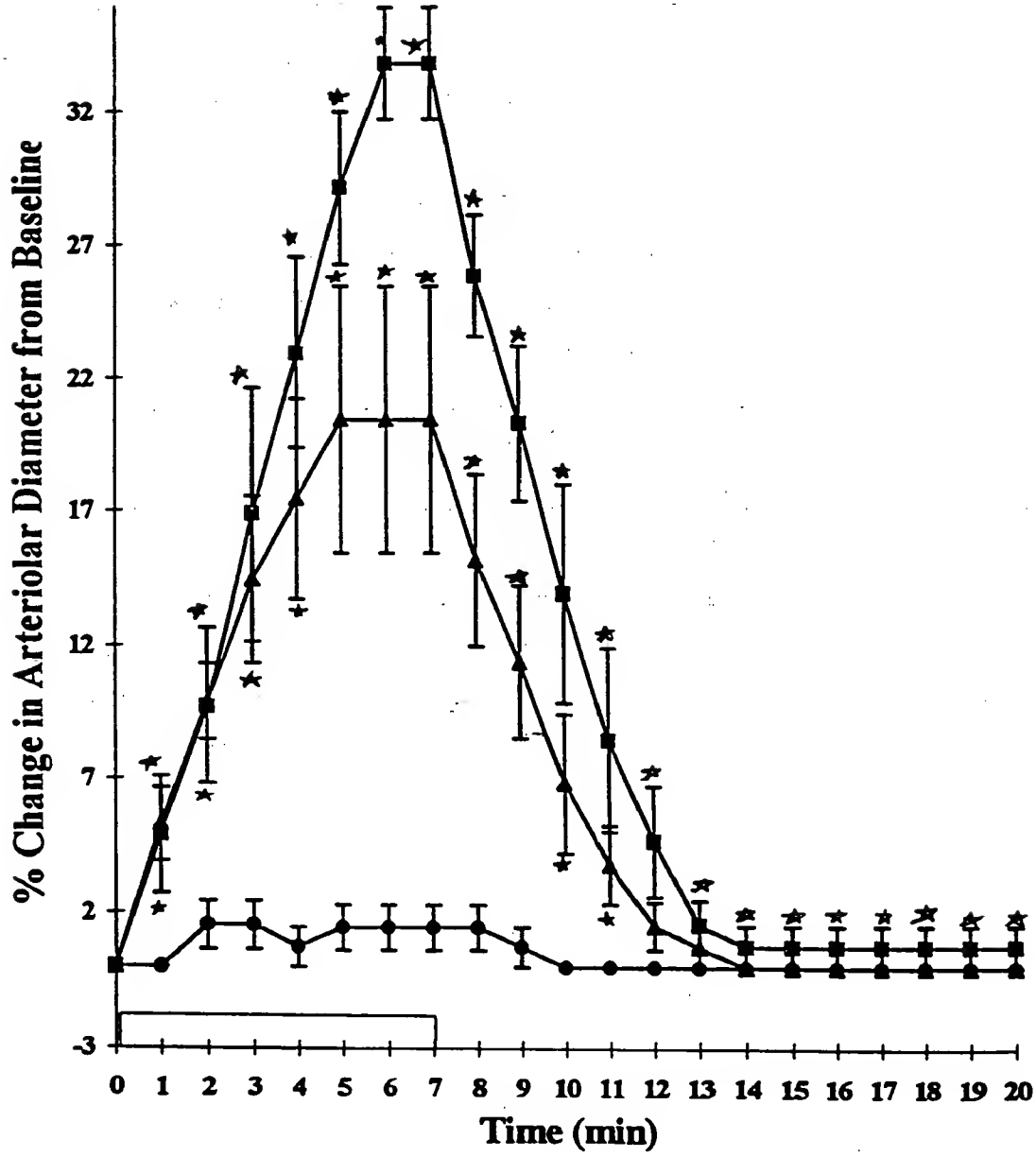

Figure 8: Changes in arteriolar diameter during and following suffusion of 0.1 nmol (trianlges) VIP-SSM, 0.1 nmol (squares) VIP + CaM-SSM, and CaM-SSL (circles) for 7 min. CaM concentration was 10^{-10} M. Open bar, duration of suffusion. Values are mean ± SEM; each group, n = 4; * $p < 0.05$ compared to baseline.